

# INTERNATIONAL SEARCH REPORT

International application No  
PCT/US2006/045644

## A. CLASSIFICATION OF SUBJECT MATTER

INV. C08F224/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
C08F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/010312 A1 (BRANDENBURG CHARLES J [US] ET AL) 24 January 2002 (2002-01-24) cited in the application the whole document	1-9, 11, 12
A	WO 02/44845 A (DU PONT [US]; FEIRING ANDREW E [US]; PETROV VIACHESLAV ALEXANDROVIC [U] 6 June 2002 (2002-06-06)	9, 10
-/-		

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another claim or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date of priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

17 April 2007

Date of mailing of the international search report

23/04/2007

Name and mailing address of the ISA/

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	M. VAN DEN BRINK, W. SMULDERS, A.M. VAN HERK, A. L. GERMAN: "Nonlinear regression by visualization of the sum of residual space applied to the integrated copolymerization equation with errors in all variables II Application to the system methyl methacrylate alpha methylene gamma butyrolactone using on-line raman spectroscopy" JOURNAL OF POLYMER SCIENCE PART A POLYMER CHEMISTRY, vol. 37, 1999, pages 3804-3816, XP002423188 the whole document	1-8
A	H. KOINUMA, K. SATO, T. TANABE, H. HIRAI: "polymer conformation and NMR chemical shifts 6a alternating copolymer of alpha methylene gamma butyrolactone with styrene" MAKROMOL. CHEM., vol. 183, 1982, pages 1533-1544, XP002423189 the whole document	1-8
A	H. KOINUMA, K. SATO, H. HIRAI: "alternating copolymerization of alpha methylene gamma butyrolactone with styrene" MAKROMOL. CHEM. RAPID COMMUN., vol. 3, 1982, pages 311-315, XP002423190 the whole document	1-8